Contents of volume 74

No. 1–2: pp 1–194 published August 1996
No. 3: pp 195–296 published September 1996
No. 4: pp 297–390 published October 1996
No. 5: pp 391–486 published November 1996
No. 6: pp 487–576 published December 1996

Abernethy PJ → Jürimäe J
Acker GR → Moyna NM
Al-Ani M, Munir SM, White M, Townend J, Coote JH: Changes in R–R variability before and after endurance training measured by power spectral analysis and by the effect of isometric muscle concentration 397
Ament W, Bonga GJJ, Hof AL, Verkerke GJ: Electromyogram median power frequency in dynamic exercise at medium exercise intensities 180
Anderson GS, Mekjavic IB: Thermoregulatory responses of circum-pubertal children 404
Anselme FM → Caillaud CF
Arsac LM, Belli A, Lacour J-R: Muscle function during brief maximal exercise: accurate measurements on a friction-loaded cycle ergometer 100
Arsac LM → Hautier CA
Artiaco G → Venditti P
Asano K → Sunoo S
Atalay M, Marnila P, Lilius E-M, Hänninen O, Sen CK: Glutathione-dependent modulation of exhausting exercise-induced changes in neutrophil function of rats 342

Baker MS → Pyne DB
Balks HJ → Müller MJ
Baratta R → Bernardi M
Baumgartl P → Burtscher M
Bedu M → Jonge R de
Belli A → Arsac LM
Belli A → Hautier CA
Berger M → Mescheriakov S
Bernard T → Falgairette G
Bernardi M, Solomonow M, Nguyen G, Smith A, Baratta R: Motor unit recruitment strategy changes with skill acquisition 52
Berthouze SE → Bonnefoy M
Bittel J → Savourey G
Blake K → Jürimäe J
Blonc S → Jonge R de
Böning D → Steinacker JM
Bogdanis GC, Nevill ME, Lakomy HKA, Graham CM, Louis G: Effects of active recovery on power output during repeated maximal sprint cycling 461
Boisvert P → Desruelle A-V
Bonga GJJ → Ament W
Bonnefoy M, Kostka T, Berthouze SE, Lacour J-R: Validation of a physical activity questionnaire in the elderly 528
Boulay MR → Thériault R
Brenner I → Severs T
Brenner IKM, Severs YD, Shek PN, Shephard RJ: Impact of heat exposure and moderate, intermittent exercise on cytolytic cells 162
Bristow GK → Johnston CE
Burtscher M, Nachbauer W, Baumgartl P, Philadelphy M: Benefits of training at moderate altitude versus sea level training in amateur runners 558

Caillaud CF, Anselme FM, Prefaut CG: Effects of two successive maximal exercise tests on pulmonary gas exchange in athletes 141
Cain JB → McLellan TM
Candas V → Desruelle A-V
Canu MH, Falempin M: Effect of hindlimb unloading on locomotor strategy during treadmill locomotion in the rat 297
Casas I → Mills PC
Caunce M → Donaldson GC
Chang H → Saitoh S
Chatard J-C → Mujika I
Chatard J-C → Pelayo P
Cheung SS → McLellan TM
Christensen H → Klausen T
Clifford PS → Hoffman MD
Commissaris DACM, Toussaint HM: Dissociated oxygen uptake response to an incremental intermittent repetitive lifting and lowering exercise in humans 264
Coote JH → Al-Ani M
Coudert J → Jonge R de
Coutts KD → Lama IL
Criswell DS, Powers SK, Herb RA: Clenbuterol-induced fiber type transition in the soleus of adult rats 391

Dallmeijer AJ → Hopman MTE
Denis C → Linossier M-T
Dennis SC → Derman KD
Derman KD, Hawley JA, Noakes TD, Dennis SC: Fuel kinetics during intense running and cycling when fed carbohydrate 36
Desruelle A-V, Boisvert P, Candas V: Alcohol and its variable effect on human thermoregulatory response to exercise in a warm environment 572
Dettmer A → Müller MJ
Di Meo S → Venditti P
Dillmann U, Hopf HC, Lüder G, Schimrigk K: Isometric muscle concentrations after double pulse stimulation: comparison of healthy subjects and patients with myotonic dystrophy 219
Dolan P → Mannion AF
Donaldson GC, Scarborough M, Mridha K, Whelan L, Caunce M, Keatinge WR: Effect of posture on body temperature of young men in cold air (Erratum) 194
Donike M → Strüder HK
Dormois D → Linossier M-T
Duché P → Filaire E
Duchêne J → Gamet D
Duffin J → Koehle M

Ehara Y → Muraki S
Elias DA → Johnston CE
Esbjörnsson Liljedahl M, Holm I, Sylvén C, Jansson E: Different responses of skeletal muscle following sprint training in men and women 375

Faff J → Frankiewicz-Jóźko A
Falempin M → Canu MH
Falgairette G, Gavarry O, Bernard T, Hebbelinck M: Evaluation of habitual physical activity from a week's heart rate monitoring in French school children 153
Fellmann N → Jonge R de
Fichter J → Müller MJ
Filaire E, Duché P, Lac G, Robert A: Saliva cortisol, physical exercise and training: influences of swimming and handball on cortisol concentrations in women 274
Fogh-Andersen N → Klausen T
Fouquet R → Linossier M-T
Francis PR → Kinoshita H
Frankiewicz-Jóźko A, Faff J, Sieradzan-Gabelska B: Changes in concentrations of tissue free radical marker and serum creatine kinase during the post-exercise period in rats 470
Fujinaga H → Hibi N
Fujiwara K → Kunita K
Fulton JR → Moyna NM

Gagnon FA → Gagnon RE
Gagnon RE, Gagnon FA, Macnab AJ: Comparison of 13 published cytochrome c oxidase near-infrared spectroscopy algorithms 487
Gajdosik RL, Vander Linden DW, Williams AK: Influence of age on concentric isokinetic torque and passive extensibility variables of the calf muscles of women 279
Galloway SDR, Maughan RJ: The effects of induced alkalosis on the metabolic response to prolonged exercise in humans 384

Gamet D, Duchêne J, Goubel F: Reproducibility of kinetics of electromyogram spectrum parameters during dynamic exercise 504
Garrido G, Guzmán M, Odriozola JM: Effect of different types of high carbohydrate diets on glycogen metabolism in liver and skeletal muscle of endurance-trained rats 91
Gavarry O → Falgairette G
Geyssant A → Linossier M-T
Geyssant A → Mujika I
Giesbrecht GG → Johnston CE
Giesbrecht GG → Kenny GP
Goss FL → Moyna NM
Goubel F → Gamet D
Graham CM → Bogdanis GC
Grigoriev AI → Vorobiev DV
Guezennec CY → Mujika I
Guzmán M → Garrido G

Hänninen O → Atalay M
Halder A → Steinacker JM
Hansen JM → Klausen T
Harris P → Mills PC
Harris RC → Mills PC
Hartkopp A → Rohde T
Hautier CA, Linossier M-T, Belli A, Lacour J-R, Arsac LM: Optimal velocity for maximal power production in non-isokinetic cycling is related to muscle fibre type composition 114
Hawley JA → Derman KD
Hebbelinck M → Falgairette G
Herb RA → Criswell DS
Hibi N, Fujinaga H, Ishii K: Work and power outputs determined from pedalling and flywheel friction forces during brief maximal exertion on a cycle ergometer 435
Hof AL → Ament W
Hoffman MD, Kassay KM, Zeni AI, Clifford PS: Does the amount of exercising muscle alter the aerobic demand of dynamic exercise? 541
Hollmann W → Strüder HK
Holm I → Esbjörnsson Liljedahl M
Holzmüller G → Mescheriakov S
Hopf HC → Dillmann U
Hopman MTE, Dallmeijer AJ, Snoek G, van der Woude LHV: The effect of training on cardiovascular responses to arm exercise in individuals with tetraplegia 172
Horita T, Komi PV, Nicol C, Kyröläinen H: Stretch shortening cycle fatigue: interactions among joint stiffness, reflex, and muscle mechanical performance in the drop jump (Erratum) 575
Horký K → Janský L

Ikawa S → Suzuki M
Ikegami H → Kondo N
Inoue Y: Longitudinal effects of age on heat-activated sweat gland density and output in healthy active older men 72
Inoue Y, Shibasaki M: Regional differences in age-related decrements of the cutaneous vascular and sweating responses to passive heating 78
Ishii K → Hibi N

Janáková H → Janský L
Janský L, Šrámek P, Šavlíková J, Uličný B, Janáková H, Horký K: Change in sympathetic activity, cardiovascular functions and plasma hormone concentrations due to cold water immersion in men 148
Jansson E → Esbjörnsson Liljedahl M
Johnston CE, Bristow GK, Elias DA, Giesbrecht GG: Alcohol lowers the vasoconstriction threshold in humans without affecting core cooling rate during mild cold exposure 293
Jonge R de, Bedu M, Fellmann N, Blonc S, Spielvogel H, Coudert J: Effect of anthropometric characteristics and socio-economic status on physical performances of pre-pubertal children living in Bolivia at low altitude 367
Jürimäe J, Abernethy PJ, Blake K, McEniery MT: Changes in the myosin heavy chain isoform profile of the triceps brachii muscle following 12 weeks of resistance training 287

Kassay KM → Hoffman MD
Kawakami K → Suzuki M
Kayser B: Lactate during exercise at high altitude 195
Keatinge WR → Donaldson GC
Kenny GP, Giesbrecht GG, Thoden JS: A comparison of human thermoregulatory response following dynamic exercise and warm-water immersion 336
Kenny GP, Giesbrecht GG, Thoden JS: Post-exercise thermal homeostasis as a function of changes in pre-exercise core temperature 258
Kikuchi K → Muraki S
Kinoshita H, Francis PR: A comparison of prehension force control in young and elderly individuals 450
Klausen T, Christensen H, Hansen JM, Nielsen OJ, Fogh-Andersen N, Olsen NV: Human erythropoietin response to hypocapnic hypoxia, normocapnic hypoxia, and hypocapnic normoxia 475
Koehle M, Duffin J: The effect of exercise duration on the fast component of exercise hyperpnoea at work rates below the first ventilatory threshold 548
Kondo N, Nishiyasu T, Nishiyasu M, Ikegami H: Differences in regional sweating responses during exercise between athletes trained on land and in water 67
Koryak Y: Changes in the action potential and contractile properties of skeletal muscle in human's with repetitive stimulation after long-term dry immersion 496
Koryak Y: Mechanical and electrical changes in human muscle after *dry* immersion 133
Kostka T → Bonnefoy M
Kunita K, Fujiwara K: Relationship between reaction time of eye movement and activity of the neck extensors 553

Lac G → Filaire E
Lacour J-R → Arsac LM
Lacour J-R → Bonnefoy M
Lacour J-R → Hautier CA
Lakomy HKA → Bogdanis GC
Lama IL, Wolski LA, Coutts KD, McKenzie DC: The relationship between test protocol and the development of exercise-induced hypoxemia (EIH) in highly trained athletes 330
Larina IM → Vorobiev DV
Larsson H → Milerad J
Lilius E-M → Atalay M
Lin J → Milerad J
Lindstrom DP → Milerad J
Linossier M-T, Dormois D, Fouquet R, Geyssant A, Denis C: Use of the force-velocity test to determine the optimal braking force for a sprint exercise on a friction-loaded cycle ergometer 420
Linossier M-T → Hautier CA
Liu Y → Steinacker JM
Louis G → Bogdanis GC
Lüder G → Dillmann U

Maassen N → Steinacker JM
MacLean DA → Rohde T
Macnab AJ → Gagnon RE
Madsen OR: Torque, total work, power, torque acceleration energy and acceleration time assessed on a dynamometer: reliability of knee and elbow extensor and flexor strength measurements 206
Mannion AF, Dolan P: Relationship between myoelectric and mechanical manifestations of fatigue in the quadriceps femoris muscle group 411
Marlin DJ → Mills PC
Marnila P → Atalay M
Matsubara S → Suzuki M
Matsuo T → Saitoh S
Maughan RJ → Galloway SDR
McEniery MT → Jürimäe J
McGill SM → Potvin JR
McKenzie DC → Lama IL
McLellan TM, Pope JI, Cain JB, Cheung SS: Effects of metabolic rate and ambient vapour pressure on heat strain in protective clothing 518
Mekjavic IB → Anderson GS
Mescheriakov S, Holzmüller G, Molokanova E, Berger M: A new method of fitting and analysis of simple unijoint arm movements 484
Milerad J, Larsson H, Lin J, Lindstrom DP, Sundell HW: Breath-by-breath determinations of airway occlusion pressure in the developing lamb 44

Mills PC, Smith NC, Casas I, Harris P, Harris RC, Marlin DJ: Effects of exercise intensity and environmental stress on indices of oxidative stress and iron homeostasis during exercise in the horse 60
Mitsumori F → Sunoo S
Molokanova E → Mescheriakov S
Moritani T → Oda S
Moyna NM, Acker GR, Weber KM, Fulton JR, Goss FL, Robertson RJ, Rabin BS: The effects of incremental submaximal exercise on circulating leukocytes in physically active and sedentary males and females 211
Moyna NM, Acker GR, Weber KM, Fulton JR, Robertson RJ, Goss FL, Rabin BS: Exercise-induced alterations in natural killer cell number and function 227
Mridha K → Donaldson GC
Müller MJ, Dettmer A, Tettenborn M, Radoch E, Fichter J, Wagner TOF, Balks HJ, von zur Mühlen A, Selberg O: Metabolic, endocrine, heamodynamic and pulmonary responses to different types of exercise in individuals with normal or reduced liver function 246
Mujika I, Chatard J-C, Padilla S, Guezennec CY, Geyssant A: Hormonal responses to training and its tapering off in competitive swimmers: relationships with performance 361
Mujika I → Pelayo P
Munir SM → Al-Ani M
Muraki S, Yamasaki M, Ehara Y, Kikuchi K, Seki K: Cardiovascular and respiratory responses to passive leg cycle exercise in people with spinal cord injuries 23
Muraki S, Yamasaki M, Ehara Y, Kikuchi K, Seki K: Effect of maximal arm exercise on skin blood flux in the paralyzed lower limbs in persons with spinal cord injury 481

Nachbauer W → Burtscher M
Nevill ME → Bogdanis GC
Nguyen G → Bernardi M
Nielsen OJ → Klausen T
Nishiyasu M → Kondo N
Nishiyasu T → Kondo N
Noakes TD → Derman KD
Norman RW → Potvin JR

Oda S, Moritani T: Cross-correlation studies of movement-related cortical potentials during unilateral and bilateral muscle contractions in humans 29
Oda S, Moritani T: Interlimb co-ordination of force and movement-related cortical potentials 8
Odriozola JM → Garrido G
Olsen NV → Klausen T

Padilla S → Mujika I
Pedersen BK → Rohde T
Pelayo P, Mujika I, Sidney M, Chatard J-C: Blood lactate recovery measurements, training, and performance during a 23-week period of competitive swimming 107
Philadelphy M → Burtscher M
Piro MC → Venditti P
Platen P → Strüder HK
Pope JI → McLellan TM
Popova IA → Vorobiev DV
Potvin JR, Norman RW, McGill SM: Mechanically corrected EMG for the continuous estimation of erector spinae muscle loading during repetitive lifting 119
Powers SK → Criswell DS
Prefaut CG → Caillaud CF
Pyne DB, Baker MS, Smith JA, Telford RD, Weidemann MJ: Exercise and the neutrophil oxidative burst: biological and experimental variability 564

Rabin BS → Moyna NM
Radoch E → Müller MJ
Rhind SG, Shek PN, Shinkai S, Shephard RJ: Effects of moderate endurance exercise and training on in vitro lymphocyte proliferation, interleukin-2 (IL-2) production, and IL-2 receptor expression 348
Robert A → Filaire E
Robertson RJ → Moyna NM
Rohde T, MacLean DA, Hartkopp A, Pedersen BK: The immune system and serum glutamine during a triathlon 428
Rutherford OM → Welsh L

Saitoh S, Matsuo T, Tagami K, Chang H, Tokuyama K, Suzuki M: Effects of short-term dietary change from high fat to high carbohydrate diets on the storage and utilization of glycogen and triacylglycerol in untrained rats 13
Šavlíková J → Janský L
Savourey G, Sendowski I, Bittel J: Biometrical characteristics and physiological responses to a local cold exposure of the extremities 85
Scarborough M → Donaldson GC
Schimrigk K → Dillmann U
Seki K → Muraki S
Selberg O → Müller MJ
Sen CK → Atalay M
Sendowski I → Savourey G
Severs T, Brenner I, Shek PN, Shephard RJ: Effects of heat and intermittent exercise on leukocyte and sub-population cell counts 234
Severs YD → Brenner IKM
Shek PN → Brenner IKM
Shek PN → Rhind SG
Shek PN → Severs T
Shephard RJ → Brenner IKM
Shephard RJ → Rhind SG
Shephard RJ → Severs T
Shibasaki M → Inoue Y
Shinkai S → Rhind SG
Shiota M → Suzuki M
Sidney M → Pelayo P
Sieradzan-Gabelska B → Frankiewicz-Jóźko A
Simoneau J-A → Thériault R
Smith A → Bernardi M
Smith JA → Pyne DB
Smith NC → Mills PC
Snoek G → Hopman MTE
Solomonow M → Bernardi M
Spielvogel H → Jonge R de
Šrámek P → Janský L
Stauch M → Steinacker JM
Steinacker JM, Liu Y, Böning D, Halder A, Maassen N, Thomas A, Stauch M: Lung diffusion capacity, oxygen uptake, cardiac output and oxygen transport during exercise before and after an Himalayan expedition 187
Strüder HK, Hollmann W, Donike M, Platen P, Weber K: Effect of O_2 availability on neuroendocrine variables at rest and during exercise: O_2 breathing increases plasma prolactin 443
Sudoh M → Suzuki M
Sundell HW → Milerad J
Sunoo S, Asano K, Mitsumori F: ^{31}P nuclear magnetic resonance study on changes in phosphocreatine and the intracellular pH in rat skeletal muscle during exercise at various inspired oxygen contents 305
Suzuki M → Saitoh S
Suzuki M, Sudoh M, Matsubara S, Kawakami K, Shiota M, Ikawa S: Changes in renal blood flow measured by radionuclide angiography following exhausting exercise in humans 1
Sylvén C → Esbjörnsson Liljedahl M

Tagami K → Saitoh S
Telford RD → Pyne DB
Tettenborn M → Müller MJ
Thériault G → Thériault R
Thériault R, Boulay MR, Thériault G, Simoneau J-A: Electrical stimulation-induced changes in performance and fiber type proportion of human knee extensor muscles 311
Thoden JS → Kenny GP
Thomas A → Steinacker JM
Tokura H → Zhang P
Tokuyama K → Saitoh S
Toussaint HM → Commissaris DACM
Townend J → Al-Ani M

Uličný B → Janský L

van der Woude LHV → Hopman MTE
Vander Linden DW → Gajdosik RL
Venditti P, Piro MC, Artiaco G, Di Meo S: Effect of exercise on tissue anti-oxidant capacity and heart electrical properties in male and female rats 322
Verkerke GJ → Ament W

Vetrova EG → Vorobiev DV
von zur Mühlen A → Müller MJ
Vorobiev DV, Vetrova EG, Larina IM, Popova IA, Grigoriev AI: Energy substrates, hormone responses and glucocorticoid binding in lymphocytes during intense physical exercise in humans following phosphocreatine administration 534
Wagner TOF → Müller MJ
Weber K → Strüder HK
Weber KM → Moyna NM
Weidemann MJ → Pyne DB
Welsh L, Rutherford OM: Hip bone mineral density is improved by high-impact aerobic exercise in postmenopausal women and men over 50 years 511
Whelan L → Donaldson GC
White M → Al-Ani M
Williams AK → Gajdosik RL
Wolski LA → Lama IL
Yamasaki M → Muraki S
Zeni AI → Hoffman MD
Zhang P, Tokura H: Influence of two different light intensities during daytime on endurance performance of handgrip exercise 318

Indexed in *Current Contents* and *Index Medicus*